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CENTRAL INTELLIGENCE AGENCY

REPORT

## INFORMATION REPORT

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SUBJECT Production at the Elektro-Chemisches  
Kombinat, Bitterfeld

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1. Phosphorus production

The head of the phosphorus plant at Bitterfeld is Dr. Weitendorf. The rate of production is 1.6 tons per day. One furnace only is in operation.

2. Titanium White

A new process for the manufacture of titanium white has been developed at Bitterfeld. Ilmenite ( $\text{FeTiO}_3$ ) is treated with hydrochloric acid. The experiments have now come to a successful conclusion, and a plant is now being constructed at Bitterfeld. A stock of 6,000 tons of ilmenite is held at the factory.

3. Aluminum

Dr. Bauer has planned two aluminum plants at Bitterfeld, one for commercial, the other for chemically pure aluminum. The capacity of both is to be 3,500 tons per year. The main difficulties which are arising in the execution of this project are:

- Lack of bauxite. Old stocks are being used at the moment to provide aluminum chloride.
- The provision of a transformer. This was to come from a firm at Mülheim/Ruhr.

4. Karatox

A plant for the manufacture of Karatox, which has the chemical formula  $\text{C}_6\text{H}_5\text{Cl}_6$ , is being erected at Bitterfeld and is planned to come into production by the beginning of September 1948. Planned production is 2½ tons per month.

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